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U. S. Department of Agriculture

TALL CORN GLADS 1952

H. E. Morrow
318 West Third St.
Monticello, Iowa

GREETINGS TO ALL GLAD GROWERS

To you who have purchased bulbs from during the past years, I wish to express my very deep gratitude. Many new friendships have sprung up thru these dealings, and I am happy that I have had a part in bringing you "GLAD-ness". Judging by the many letters that have come to me, TALL CORN GLADS have made good in a big way, both in home satisfaction and in glad show winnings. After 29 years of growing glads I cannot consent to anything less than the best for my friends and customers. I now have another fine crop of bulbs in storage for you this spring, and send them out under the same guarantee of former years.

To you who have received my catalogue, but have not placed an order with me, let me suggest that you send a trial order this season and see for yourself what it means to purchase TALL CORN GLADS. They are the kind that make blue ribbon spikes. My business dealings are marked by generosity, and a high purpose to give satisfaction.

I am now wishing you the finest glad season in 1952 that you have ever experienced.

Most enthusiastically yours,



A Few Comments About My Bulbs and Business

1. **TALL CORN GLADS.** Why do I call my glads by that name? I do so because they possess the characteristics of vigor, health, size and productiveness which characterizes Iowa's TALL CORN, known the world over. They grow in the same soil that produces this TALL CORN, which ought to be a guarantee of superb gladiolus bulbs.

2. **STATE INSPECTION.** The State Entomologist has recently completed double inspection of my crop — inspected in the field during the growing season, and now again inspected in storage. My customers are assured of high class, disease-free stock. Every shipment bears a copy of the Official Certificate of Inspection.

3. **BULBS.** Generally speaking, the bulbs which go into my orders have produced but one season. They are what we call "yearling" bulbs, one year from the bulblet. They are full grown, and capable of producing show-type, exhibition spikes. I guarantee all bulbs to be true to name.

4. **PRICES.** I price my bulbs in three sizes, Large (L), Medium (M), and Small (S). Large size ranges from 1¼" UP. Medium size ranges from ¾" to 1¼". And Small ranges from ¼" to ¾".

5. **SUBSTITUTIONS.** I do not substitute varieties without customer's permission. However, now and then I do make substitutions in sizes. If short on Large sizes, I sometimes slip in No. 3. In any instance of size substitutions, I more than meet the value of the Large size ordered. Do not be disappointed with Medium sizes — they are wonderfully capable of producing amazing spikes.

6. **EXTRAS.** I find great pleasure in slipping a few extras in all my retail orders. I try to put in varieties which I feel sure will please the customer. The extras which are not listed in the catalogue will be from newer varieties of which the insufficiency of stock does not permit cataloguing. However, you may name varieties from which you would like to have your Extras taken, and I will do my best to comply with your suggestions.

7. **BULBLETS.** Bulblets furnish the most economical method of getting started. Plant them about 2 inches deep, in trenches, give them good cultivation, and at digging time you will be thrilled with what you have gotten for your investment and labors.

8. **ARRIVAL OF YOUR ORDERS.** Open immediately when received, to admit air. Place them in your regular storage until planting time. Should you discover the bulbs to be spongy, it means they have been frozen after being placed in the hands of the carrier.

Please Note These Business Matters Before Making Out Your Order

1. All orders accepted subject to stock and prior sales.

2. Please take notice — All orders from the Retail and Choice Mixture listings will be shipped parcel post prepaid IF ORDER AMOUNTS TO \$3.00 OR MORE. If it is for a lesser amount please add 25c for postage and packing.

3. In case it is not convenient to make full remittance with order, I will hold your order upon payment of 25% of the amount, with a minimum deposit of \$1.00.

4. Orders will be shipped C.O.D. at customers' request if they have made a deposit as stated above. No C.O.D. shipments unless there is the down payment. Sad experience necessitates this request.

5. No shipment will be made prepaid during the winter or when there is the possibility of freezing in transit. The Postal Dept. will not insure against freezing. Where shipment is wanted during freezing weather, shipment must be by express, which fully insures against freezing, but express charges must be borne by the purchaser.

6. Please do not split any item that lists two or more bulbs. Time and costs of putting up orders are too great to accept any items of less than 15 cents.

7. Bulblet packets will contain from 50 to 75 selected bulblets, and often times many more.

8. To those who left orders for bulbs at the Jones County Fair last August: Should any of the prices charged you at this Fair be higher than the prices quoted in this price list, I will put in sufficient extras of such varieties to more than off-set the overcharge. If the prices charged you at the Fair are lower than the prices herein quoted, I will either fill the order as written, or advise you and make cash refunds for such amount as you paid on these under-charged items.

9. I will refund the purchase price of any order found unsatisfactory upon delivery if promptly reported, and returned at my request. No guarantee as to growth is given.

Color Groups

For the convenience of those who wish to select by colors, I am listing the varieties described in this catalogue by color groups:

- 00 **WHITE.** Alpine, Annamae, Casablanca, Cupid, Eureka, Florence Nightingale, Heavenly White, Mother Fischer, Silver Wings, Snow Princess, Snowsheen, Summer Snow, Surfside, Texas, Vanwhite, White Christmas.
- 01 **WHITE WITH BLOTCH.** Freedom, Heart O'Gold, Margaret Beaton, Silantium, Silver Star, White Challenge.
- 06 **CREAM.** Lake Placid, Leading Lady, Oriental Pearl, Pacifica, Wanda, White Gold.
- 07 **CREAM WITH BLOTCH.** Salman's Glory.
- 10 **LIGHT YELLOW.** Aureole, Crinkle Cream, Golden Arrow, Martha Deane, Mother Kadel.
- 11 **LIGHT YELLOW WITH BLOTCH.** Yellow Herald.
- 12 **DEEP YELLOW.** Autumn Gold, Golden Teton, Klondike, Vangold.
- 13 **DEEP YELLOW WITH BLOTCH.** Spotlight.
- 16 **BUFF.** Arethusa, Marimba, Sunlight, Susquehanna.
- 20 **ORANGE.** Kestrel, October Sunshine.
- 21 **ORANGE WITH BLOTCH.** Daisy Mae.
- 22 **DEEP ORANGE.** Jay's Joy, Orange Gold, Trocadero, Tut's Both.
- 24 **ORANGE RED.** Chief Pontiac, Gratitude.
- 25 **ORANGE RED WITH BLOTCH.** Cracker Jack, Larime.
- 30 **LIGHT SALMON.** Bloemfontaine, Glamis, Gorgeous Deb, King William Picardy.
- 32 **DEEP SALMON.** Madeline Brown, Phoebe.
- 33 **DEEP SALMON WITH BLOTCH.** A. L. Stephen.
- 36 **SCARLET.** Algonquin, Dieppe, Intruder, J. Von Konynenburg, Mar-seillaise, Mercury, Red Cherry, Regal Red.
- 40 **LIGHT PINK.** Beauty's Blush, Genghis Khan, Greta Garbo, Lady Boo, Lady Luck, Magnolia. New Era, Phantom Beauty, Susannah, Tivoli, Yankee Lass.
- 41 **LIGHT PINK WITH BLOTCH.** Connecticut Yankee.
- 42 **DEEP PINK.** Cover Girl, Friendship, Pandora, Pink Picardy, Phipps Jr., Spic and Span.
- 43 **DEEP PINK WITH BLOTCH.** Cherry Jam, Fabulous.
- 50 **LIGHT RED.** Hawkeye Red, Spotlight.
- 52 **DEEP RED.** Birch Red, Firebrand, Kenwood, King Click, Red Charm.
- 54 **BLACK RED.** Black Opal, Royal Robes, Royal Garnet, Ruffled Night, Velvet Mantle.
- 60 **LIGHT ROSE.** Astrid, Dawn Glow, Elmer's Rose, Evangeline, Miss Wisconsin, Noweta Rose, Patrician, Rosa Van Lima, Rose O'Day.
- 62 **DEEP ROSE.** Burma.
- 66 **LAVENDER.** Elizabeth the Queen, Lavender Lace, Lavender and Gold, Lavender Prince, Myrna Fay, Poet's Dream, Siboney, Wedgewood.
- 70 **PURPLE.** Dorothy Armstrong, King Lear, Lancaster, Purple Supreme, Sherwood, Vulcan.
- 76 **LIGHT VIOLET.** Blue Beauty.
- 77 **LIGHT VIOLET WITH BLOTCH.** Ravel.
- 78 **DEEP VIOLET.** Abu Hassan, Blue Lagoon.
- 80 **SMOKY.** Bagdad, Beltrami, Chief Multnomah, Tunia's Elite.
- 82 **ORANGE SMOKY.** Bolero, High Finance.
- 86 **LAVENDER SMOKY.** Irak, Oklahoma, Voodoo.
- 90 **ANY OTHER COLOR.** Buckeye Bronze, King Tan, R. B. Robinson Crusoe, Tony.
- 91 **ANY OTHER COLOR WITH BLOTCH.** Brazil.

Price List Explanations

Preceding the variety names are two numbers. The first number, always with three digits, is a code number, and has nothing to do with your ordering. It describes by code the color and size of the flower. The first of the three digits designates the diameter of the floret. The digit "3" means the floret measures $3\frac{1}{4}$ " to $4\frac{3}{8}$ "; a "4" means it measures from $4\frac{1}{2}$ " to $5\frac{3}{8}$ "; and a "5" means it measures $5\frac{1}{2}$ " or more. This number is useful to purchasers who are particular to get a certain sized floret.

The second and third digit have to do with colors, and the following tabulation gives their significance:

00 White	43 Deep salmon with blotch
01 White with throat blot	50 Light red
06 Cream	52 Deep red
10 Light yellow	54 Black red
12 Deep yellow	60 Light rose
13 Deep yellow with blotch	62 Deep rose
16 Buff	66 Lavender
20 Light orange	70 Purple
22 Deep orange	76 Violet
23 Deep orange with blotch	78 Deep violet
24 Red orange	80 Smoky
30 Light salmon	82 Orange Smoky
32 Deep salmon	83 Salmon Smoky
36 Scarlet	84 Pink smoky
40 Light pink	85 Red smoky
41 Light pink with blotch	86 Lavender and/or Rose Smoky
42 Deep salmon	90 Any other colors; polychrome

To illustrate — look at the variety Annamae. The name is preceded by the number "400". The four means that the floret is of medium size, between $4\frac{1}{2}$ " and $5\frac{3}{8}$ " in diameter. The double zeros (00) mean that the variety is white. Turn to the variety, Margaret Beaton, and the number preceding the name is "401". The digit "1" at the end of the number means that the floret has a conspicuous throat blotch. Every odd digit at the end of the number means a conspicuous throat blotch.

The second number preceding the variety names, usually with two digits, indicates the number of days required for the bulb to come to bloom counting from the date of planting. These numbers cannot be relied upon for the reason that soil conditions, weather and temperature, wetness and drought, the condition of the bulb, and even cultivation all have a bearing on the time required to come to bloom. However, these numbers do provide a comparative basis for making selections.

BULBLET NOTICE: I can furnish a limited amount of bulblets from most of the varieties priced at 2 - 25, or less, and a few of the higher priced varieties. They may be had by the packet of 50 to 75 bulblets, for the first price of the variety. That is, if large bulbs are priced at 2 - 20, a packet of bulblets may be had at 20c. Order the kinds you want, and I will refund if I cannot supply them.

Retail Listing

- 378-77 ABU HASSAN.** Clear, dark violet or blue. Most popular dark violet. L. 2—20, 5—40; Med. 2—15, 5—30.
- 536-80 ALGONQUIN.** A magnificent scarlet, with some Indian red in it. Opens 8 to 10. Very lovely. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.

- 300-75 **ALPINE.** Fine creamy white, medium size. Opens 8 to 9.
L. 2—25, 5—50; Med. 2—20, 5—30; Sm. 5—20.
- 433-85 **A. L. STEPHEN.** Of Picardy parentage, just as fine and more impressive. Beautifully ruffled. Opens 5 to 6 magnificent florets.
L. 2—25, 5—50; Med. 2—20, 5—40.
- 400-70 **ANNAMAE.** An early, paper white beauty. Excellent for cutting.
L. 2—20, 5—40; Med. 2—15, 5—30.
- 416-65 **ARETHUSA.** A fine buff, tall, formal, heavily ruffled, uniform and dependable, heavily ruffled.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 560-77 **ASTRID.** One of the most beautiful rose varieties and tops with me. It belongs in every first class glad collection.
L. 15c ea., 5—60; Med. 2—25, 5—50; Sm. 5—35.
- 410-80 **AUREOLE.** Extremely beautiful light yellow, opening 6 to 8. Heavy substance, intensely ruffled, willowly spike.
L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—30.
- 412-100 **AUTUMN GOLD.** Deepest of yellow infringing on orange, with slightly burnished tips. Very striking, favorite of the florists. Its fault is a short spike, but it can be cut close to the ground.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 580-85 **BAGDAD.** A grand old-rose smoky even thou it is an old one.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 440-85 **BEAUTY'S BLUSH.** A soft blush pink, tall grower, opens 7 to 9 superb florets with sparkling frosty sheen. The originator says the color is like snow tinted with the rose pink of sunset.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 480-85 **BELTRAMI.** Rose mulberry; rich red smoky. Striking and pleasing.
L. 2—20, 5—40; Med. 2—15, 5—30.
- 552-90 **BIRCH RED.** A rich, radiant red with a burnished sheen. A deep red but not a black red. Tall spikes, strong and straight. Very satisfactory.
L. 25c ea., 5—1.00; Med. 20c ea., 5—80; Sm. 5—60.
- 354-92 **BLACK OPAL.** An old standby that the newest introductions have not been able to shove out of the picture. A black red large sized florets, rich velvety sheen, heavy substance.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 430-90 **BLOEMFONTEIN.** Large, buffy salmon, shading to pale yellow throat. Opens 6 to 7, heavy texture.
L. 2—25, 5—50; Med. 2—20, 5—40.
- 476-75 **BLUE BEAUTY.** A good light violet or blue.
L. 2—20, 5—40; Med. 2—15, 5—30.
- 478-70 **BLUE LAGOON.** A deep violet or blue. Tall, husky, opens 6 - 8 on a long flowerhead.
L. 20c ea., 5—80; Med. 15c ea., 5—60.
- 582-85 **BOLERO.** Has a resplendent copper color. "Petals of a burnished metallic orange, set off with a throat like glowing coals." Opens 7 - 8 florets, ruffled, fluted, needle-point. Very striking.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 491-70 **BRAZIL.** Deep salmon overcast with bluish sheen. A sport of Vagabond Prince with all of its good qualities. Very attractive.
L. 50c ea., 5—2.00.
- 490-90 **BUCKEYE BRONZE.** A burning bronze, rosy cast, beautiful, magnificent, use what adjectives you wish.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 562-88 **BURMA.** One of the truly great glads — no grower discards this variety. Deep rose, 8 - 10 magnificently ruffled florets. Nothing in the field surpasses this wonder glad.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 517-90 **BUTTER SCOTCH.** "Indian red overlaid with Chinese coral on margins of petals, and in throat." Makes grand spike, 8 - 10 open. You can see this beauty a long way off.
L. 25c ea., 5—1.00; Med. 20c ea., 5—80.

- 400-95 **CASABLANCA.** A stately, ruffled, creamy white. 6 - 8 open, on tall, strong spikes. Exceptionally worth while.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 543-80 **CHERRY JAM.** Deep salmon, varying in intensity, with conspicuous rich cherry blotch in throat, as enticing as a jar of cherry jam. Superb. Opens 6 - 8 on strong, tall spikes. Fine cutter.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 480-85 **CHIEF MULTNOMAH.** Here is a grand reddish purple smoky that you have been looking for. Immense height and size.
L. 2—20, 5—40; Med. 2—15, 5—30.
- 524-85 **CHIEF PONTIAC.** Bright orange scarlet. Tall, husky grower, 6 or more florets open, worth a place in your collection. L. 1.00 ea.
- 441-90 **CONNECTICUT YANKEE.** A glorious pink with a sharp throat blotch. Opens 8 or more beautiful florets. Has been a nation wide blue ribbon winner. L. 15c ea., 5—60; Med. 2—20, 5—40; Sm. 5—30.
- 542-90 **COVER GIRL.** Deep pink, 10 - 12 huge florets, on a strong, tall spike. Very fine. L. 15c ea., 5—60; Med. 2—20, 5—40.
- 425-80 **CRACKER JACK.** A fine light orange that will delight you. Better try it. L. 15c ea., 5—60.
- 410-86 **CRINKLE CREAM.** A giant light yellow, 5 - 6 open. An older variety that holds its own among the new ones.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 300-70 **CUPID.** This little beauty is one of the loveliest glad creations. Heavily ruffled, recurved petals that look like wax. It is a darling.
L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—30.
- 521-90 **DAISY MAE.** Orange with pinkish cast, deeply marked throat. Opens up to 6, very showy, blue ribbon winner all over the country.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 560-83 **DAWN GLOW.** Truly a grand light rose. You will want lots of them. Slightly ruffled. L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—30.
- 436-85 **DIEPPE.** Rich scarlet, ruffled, darker throat, opens 6 - 7, widely opened florets. One of the best.
L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—30.
- 470-85 **DOROTHY ARMSTRONG.** A medium shade of purple; tall, graceful spikes, heavy winner in Eastern shows.
L. 20c ea., 5—80; Med. 15c ea., 5—60.
- 566-86 **ELIZABETH THE QUEEN.** A superb lavender, unexcelled by the new varieties, and the standard for judging lavenders. Wonderfully ruffled, 7 - 8 florets open. A spike is a bouquet by itself.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 460-85 **ELMER'S ROSE.** Richly ruffled, deep rose of great beauty. Fully as wonderful as Noweta Rose. Opens 7 - 8, heavy substance, ruffled. Has great vigor and size. L. 1.50 ea., 5—6.00.
- 560-92 **EVANGELINE.** An immense beauty, light rose with a creamy yellow throat. Opens 8 - 9 on a magnificent flowerhead with 20 - 22 buds. It is almost out of this world for beauty. Very healthy. disease resistant. L. 50c ea., 5—2.00.
- 500-90 **EUREKA.** A white sport of Picardy, which may prove to be superior to Leading Lady, another sport of Picardy. It is wonderful to grow and look at. L. 25c ea., 5—1.00.
- 443-85 **FABULOUS.** Deep pink, striking blotch of cherry red in throat, bordered by light cream. Opens up to 7. L. 20c ea., 5—80.
- 452-85 **FIREBRAND.** Deeply ruffled red, brilliant color, opens 8 - 10 on tall, strong spike. You will see it across the field. L. 2—25, 5—50.
- 400-88 **FLORENCE NIGHTINGALE.** Here is the magnificent white that is sweeping all the large state and national glad shows. It is a glistening white, heavy substance, ruffled, beautiful beyond description. Opens 6 - 8 on a grand spike.
L. 15c ea., 5—60; Med. 2—25, 5—50; Sm. 5—30.

- 401-75 **FREEDOM.** Tall, rugged white, lavishly ruffled, with bright rose blotch in throat. One grower of 50 acres of glads says this is the finest glad he had ever grown. L. 30c ea., 5—1.20.
- 442-70 **FRIENDSHIP.** Bright, frosty shade of deep, rich pink, with a waxy cream and white throat. Very early. Never have enough at any cutting. A marvelous variety. L. 30c ea., 5—1.20; Med. 25c ea., 5—1.00; Sm. 20c ea., 5—80.
- 440-80 **GENGHIS KHAN.** A light pink that produces a perfect spike. Opens 6 - 7 heavily ruffled florets, fluted and slightly lacinated. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 530-90 **GLAMIS.** Clear, light salmon with creamy lip, strongly marked with needle-point petals, ruffled, fluted. Opens 6 - 8. A true beauty. L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—25.
- 510-85 **GOLDEN ARROW.** Clear light yellow, tall, strong grower, and opens up to 8 lovely florets. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 412-85 **GOLDEN TETON.** A peculiar, but attractive color, classed as a deep yellow, with a faint fusing of scarlet in some of the petals. Rugged grower, immense spikes. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 530-85 **GORGEOUS DEB.** Light salmon with creamy yellow blotch. Opens up to 9 huge florets. One of the most exquisitely beautiful varieties. Heavily ruffled. L. 1.25 ea.
- 424-75 **GRATITUDE.** Ruffled medium orange with small yellow blotch in throat. 5 to 6 open. Early, very desirable for health and vigor. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 440-85 **GRETA GARBO.** A charming light pink, opens 6 - 8. Rugged grower, long flowerhead. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 450-85 **HAWKEYE RED.** A light red, sport of Vagabond Prince with all of its paternal fine qualities. Very fine. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 401-65 **HEART O'GOLD.** Beautifully ruffled white with golden yellow throat blotch. Very early. A superb combination of white, for purity, and yellow for richness. Use your imagination for the rest of it. L. 60c ea., 5—2.40.
- 400-70 **HEAVENLY WHITE.** Another early white, but bluish white, and blends well with rose, lavender and violet glads. L. 2—20, 5—40; Med. 2—15, 5—30.
- 582-95 **HIGH FINANCE.** One of the best smokies, light salmon overcast with smoky tint, creamy throat, opens up to 9, lightly ruffled florets. Very tall, strong grower. Very fine exhibition variety. L. 2—25, 5—50; Med. 2—15, 5—30; Sm. 5—20.
- 536-90 **INTRUDER.** One noted grower says, "King of the reds". Opens up to 10 huge florets, on a magnificent spike formally arranged. A giant flame or Scarlet red. A great show winner. L. 30c ea., 5—1.20; Med. 20c ea., 5—80.
- 586-90 **IRAK.** An immense, tall growing smoky. Lavender. A soft gray. Combines well with buffs, yellows and autumn colors. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 422-88 **JAY'S JOY.** Orange that has been a big show winner. Not many first class oranges, but here is one. L. 2—20, 5—40.
- 436-85 **J. VON KONYENBURG.** A clear, rich glowing orange vermillion. A spike is a show. Opens up to 10, well faced and spaced, on a fine strong spike. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 452-80 **KENWOOD.** Absolutely pure red, no stripes or marks. Opens 5 - 6. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 420-80 **KESTREL.** Light salmon orange with creamy throat which is bordered by a band of light orange. Unusual. Opens 8 - 10. L. 15c ea., 5—60.

- 552-90 **KING CLICK.** Bright deep red. up to 9 wide, flaring florets. Very fine, showy light red.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 570-75 **KING LEAR.** This is a reddish purple huge floret, every petal being edged with a hairline of silver, giving lustre to the entire spike.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 590-85 **KING TAN.** An unusual color, tan to light brown. Grand florets. Striking in baskets.
L. 2—20, 5—40.
- 530-85 **KING WILLIAM.** A grand old timer, soft salmon, with creamy throat, spread over a very large floret. Grand spikes. L. 2—20, 5—40.
- 412-75 **KLONDIKE.** Deep orange yellow which grows great spikes. and a good variety. rich in color, and showy.
L. 15c ea., 5—60; Med. 2—20, 5—40; Sm. 5—25.
- 340-90 **LADY BOO.** A charming delicate shell pink. You will stop anywhere to admire it. Opens up to 6 lovely florets.
L. 25c ea., 5—1.00; Med. 2—20, 5—40; Sm. 5—25.
- 440-80 **LADY LUCK.** A Picardy sport. between light salmon and light pink. Prettier by far than Picardy, yellow and creamy throat in lovely blend.
L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—25.
- 506-90 **LAKE PLACID.** A grand late creamy white, with yellow throat. Opens up to 8, on a grand spike. Have been thanked often for putting this variety in my shipments.
L. 2—25, 5—50; Med. 2—20, 5—40.
- 470-85 **LANCASTER.** One of the very top purples. Clear, dark purple with up to 12 large florets open. Seems to require good culture for best results.
L. 2—25, 5—50; Med. 2—20, 5—40.
- 425-90 **LARIME.** A brilliant showy orange red, or reddish orange with dark blotch. Has extra quality and attractiveness.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 466-85 **LAVENDER LACE.** Very fine new lavender, with large creamy throat, somewhat ruffled. Opens 6 on a good spike. Belongs in any good collection.
L. 75c ea., 5—3.00.
- 366-70 **LAVENDER AND GOLD.** A fresh, bright, clean light lavender. with golden throat and a daintiness that belongs to the bride.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 466-90 **LAVENDER PRINCE.** Distinct shade of lavender mauve. Opens 6. on a very fine flowerhead. Tall grower.
L. 2—20, 5—40; Med. 2—15, 5—30.
- 506-87 **LEADING LADY.** Cream white sport of Picardy. Identical to Picardy except for color. Readily sells for white. Has been the standard of its color class, and is still tops. Sometimes it throws Picardy color in scattered petals. You never go wrong on this variety.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 432-87 **MADLINE BROWN.** Deep salmon, ruffled beautifully with faint scarlet throat blotch. Opens up to 8.
L. 2—25, 5—50; Med. 2—12, 5—30.
- 540-85 **MAGNOLIA.** Light, soft creamy pink, opening 6 - 8. Very charming.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 501-85 **MARGARET BEATON.** A very large, white with a modest blotch of orange scarlet in the throat. Very attractive.
L. 2—20, 5—40; Med. 2—15, 5—30.
- 416-85 **MARIMBA.** A grand light buff sometimes tinged pink. Opens 8 or more. Grows strong and tall. Fine show flower.
L. 2—20, 5—40; Med. 2—15, 5—30.
- 536-95 **MARSEILLAISE.** A grand late scarlet, fade proof. Narrow cream lines on the throat petals add much to its attractiveness. Very showy.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 410-80 **MARTHA DEANE.** Medium yellow, with small red line in the throat. Opens up to 8. Only 5 years ago this variety was selling at \$5.00 per bulb. A worthy kind.
L. 15c ea., 5—60; Med. 2—20, 5—40; Sm. 5—25.

- 536-85 **MERCURY.** Classed as scarlet, but is really a soft brilliant red. A very good one. L. 2—20, 5—40; Med. 2—15, 5—30.
- 460-90 **MISS WISCONSIN.** Soft, attractive medium rose, which has stood its ground against many more recent introductions of light rose. A spike is a bouquet. Opens 6 - 8. L. 2—20, 5—40; Med. 2—15, 5—30.
- 400-85 **MOTHER FISCHER.** Rugged new white, with a white-velvet sheen, ruffled, tall grower, up to 67 inches. Opens up to 7 immense florets. L. 1.25 ea.
- 310-77 **MOTHER KADEL.** A medium sized, beautiful shade of golden yellow. Clear self color of real richness. L. 2—20, 5—40; Med. 2—15, 5—30.
- 462-75 **MYRNA FAY.** A fine early lavender, with tall, straight spikes and long flowerheads. A highly desirable variety for any good collection. L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—25.
- 440-95 **NEW ERA.** An old timer, light pink, with ivory-white throat. Wonderfully beautiful, gorgeously ruffled. L. 2—20, 5—40; Med. 2—25, 5—30.
- 560-85 **NOWETA ROSE.** The sensation of 1950, and still takes one's breath to behold its immeasurable beauty, and many other superb qualities. Opens up to 12 magnificent florets, making a spike that is almost beyond the imagination, until seen. It provides more thrill than anything I have grown. A rich rose color. L. 1.00 ea., 5—4.00.
- 420-85 **OCTOBER SUNSHINE.** A lovely blend of buff and golden orange, shading to a large yellow throat. Classed as light orange. Opens up to 6. L. 20c ea., 5—80.
- 386-90 **OKLAHOMA.** A beautiful blend of lavender and gray — a dainty smoky. Opens 6 - 7. This is very much worth while if you like smokies. L. 2—25, 5—50.
- 422-80 **ORANGE GOLD.** Clear, beautiful clear medium dark orange gold, and a dazzler. One of the most robust in the glad world and a real eye-catcher. L. 2—20, 5—40; Med. 2—15, 5—30.
- 506-85 **ORIENTAL PEARL.** A sensation when introduced because of its great size and huge spikes. A cream opening up to 6 florets, sometimes 7" across. L. 2—20, 5—40; Med. 2—15, 5—40; Sm. 5—20.
- 406-80 **PACIFICA.** An old kind, stately cream, wonderful spikes, slightly ruffled, beautiful. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 417-80 **PACTOLUS.** A buff described as Apricot peach, blending into a rich orange red throat. Opens up to 8. I could spot this across the field. It is a beauty, a must-have in a good collection. L. 2—25, 5—50; Med. 2—20, 5—40.
- 442-85 **PANDORA.** Clear, soft geranium pink, with 8 - 10 open. Outstanding, and still a show winner, and a grand cut-flower variety. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 566-87 **PATRICIAN.** Large clear lavender that is different. Opens 6 - 7 round, wide open and perfect florets. L. 25c ea., 5—1.00.
- 440-85 **PHANTOM BEAUTY.** A great show pink, opening 10 perfectly faced, ruffled, wide open florets. A spike makes a wonderful bouquet. L. 15c ea., 5—60; Med. 2—20; 5—40.
- 432-96 **PHOEBE.** A clean deep salmon blending to soft creamy throat. 8 - 10 open, ruffled, good substance. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 530-90 **PICARDY.** While many have discontinued this grand salmon, the first of the giant sized varieties, it is still worth while, and many still want it. It is probably the world's best know glad. L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 542-88 **PINK PICARDY.** A sport of Picardy, but pink. Practically the same otherwise. This is a healthy variety, fine grower. I rate it magnificent. --L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—25.

- 366-85 **POET'S DREAM.** The originator says this is the most exquisite lavender pastel of all. Its throat of waxy ivory, and elaborate frilling at the extreme edges of the petals gives it an out-of-this-world beauty all its own.. L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—25.
- 442-72 **PHIPPS JR.** An early deep pink, opening up to 10 on a fine spike. Best when planted early.
L. 50c ea., 5—2.00; Med. 35c ea., 5—1.40; Sm. 20c ea.
- 470-85 **PURPLE SUPREME.** An old kind that is still grown by many — a fine purple, opening up to 8, compactly arranged, on a strong spike.
L. 2—20. 5—40; Med. 2—15, 5—30.
- 477-77 **RAVEL.** A European variety, violet blue with reddish brown markings. Very good for blues. Tall, strong spike, with 6 - 8 open.
L. 2—25, 5—50.
- 590-90 **R. B.** Huge rusty golden brown on old rose. A lovely and very striking novelty.
L. 2—20, 5—40; Med. 2—15. 5—30.
- 452-85 **RED CHARM.** A deep red, magnificent spikes, very showy, dependable, opening 8 - 9 lustrous florets. I don't know of another red that is grown by as many of the big growers as this one.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 436-70 **RED CHERRY.** A brilliant scarlet with darker throat. Opens 6 - 7 huge, wide open florets. Grown by nearly all good growers.
L. 30c ea., Med. 20c ea.
- 436-100 **REGAL RED.** Another brilliant scarlet, giant-sized. Spikes tall, stately, massive, with 5 - 6 lustrous florets. Very widely grown because of its heat resistance, vigor, health and size.
L. 15c ea., 5—60; Med. 2—20, 5—40; Sm. 5—30.
- 490-76 **ROBINSON CRUSOE.** Here is the one that you need and will want for its unusualness. Tan, heavily marbled with chocolate — maybe rocky-road chocolate. Visitors stop in their tracks to admire it.
L. 25c ea., 5—1.00; Med. 20c ea., 5—80; Sm. 15c ea., 5—50.
- 460-80 **ROSA VAN LIMA.** An early rose-pink, which makes good. A light soft rose that pleases.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 560-70 **ROSE O'DAY.** A wonderful rose lavender. early midseason, opening up to 10 on a long spike. Tall, strong and healthy plant.
L. 2—25, 5—50; Med. 2—20, 5—40.
- 354-80 **ROYAL ROBES.** Velvety, ruffled, rich deep black red. medium sized florets, opening 5 - 6.
L. 35c ea., 5—1.40; Med. 20c ea., 5—80; Sm. 15c ea., 5—60.
- 454-80 **ROYAL GARNET.** Another rich black red, similar to Royal Robes, but a size larger, with up to 6 very large. open florets, lustrous, beautiful.
L. 25c ea., 5—1.00; Med. 20c ea., 5—80.
- 454-70 **RUFFLED NIGHT.** An early clear, sparkling, ruffled black-red with small pencil lines in the throat. Open up to 7, with 7 more showing color. Florets lay wide open, showy, heavy substance.
L. 75c ea.; Med. 50c ea.
- 507-80 **SALMAN'S GLORY.** Immense cream, red throat blotch edge whites. Opens 6 - 7 on tall, strong plant. Here is one of the blotched whites that everyone wants when they see it.
L. 2—25, 5—50.
- 566-90 **SIBONEY.** A clear, heavily ruffled lavender, on the rose side. Open 6 - 8 immense florets. Inclined to make short spikes. but the long ones are magnificent.
L. 40c ea.; Med. 35c ea.; Sm. 20c ea.
- 570-80 **SHERWOOD.** A tall, silky red-purple, which readily opens 8 huge florets on tall, willowy spikes. A grand addition to the purple class. It is also beautifully ruffled.
L. 30c ea., 5—1.20; Med. 25c ea., 5—1.00; Sm. 15c ea., 5—60.
- 401-80 **SILENTIUM.** A fine European origination that is fine. White, with mild red blotch in throat that is dainty and lovely.
L. 3—25, 5—35; Med. 5—25; Sm. 5—15.

- 401-90 **SIVER STAR.** Here is another white with very beautiful throat blotch of purple shading to lavender. Opens 6 - 8, slightly ruffled, artistic florets, making a magnificent spike.
L. 15c ea., 5—60; Med. 2—20; 5—40.
- 500-88 **SILVER WINGS.** A huge white, sport of Picardy. opening 7 - 9 glistening florets. Has a tendency to now and then show Picardy coloring.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 400-80 **SNOW PRINCESS.** The standard white, and perhaps the best commercial white.
L. 3—25, 5—30; Med. 3—15, 5—20.
- 300-75 **SNOWSHEEN.** Nicely ruffled pure white without markings. Opens up to 6 on a 20 bud spike. Very dainty.
L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—30.
- 442-80 **SPIC AND SPAN.** Tall, ruffled, deep pink, opening up to 10 in the field. and six more showing color. It has received top rating for 3 straight years, and is listed in almost every catalogue published.
L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—30.
- 413-80 **SPOTLIGHT.** Clear, deep yellow, set off with a brilliant scarlet throat blotch of feathery design, which makes it about the showiest thing in the yellow realm. Opens 6 - 7 on a fine spike.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 450-90 **STOPLIGHT.** A brilliant, ruffled red, that rates high as a commercial. Never crooks.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 300-85 **SUMMER SNOW.** Pure white, without the creamy throat that is so common, white stamens. The whitest glad I know of. Opens 7 - 9 lacy ruffled, shapely florets. An outstanding show winner — won 12 firsts at the 1950 shows.
L. 35c ea.
- 416-87 **SUNLIGHT.** A waxy deep buff crowding into light orange. Opens 5 - 6 plain, luminous round florets of unusually glossy texture.
L. 20c ea., 5—80; Med. 15c ea., 5—60; Sm. 5—40.
- 417-80 **SUN SPOT.** A nicely ruffled apricot buff with subdued rose spot in throat. Opens 7 - 9 on a tall spike. Great show winner.
L. 25c ea., 5—1.00; Med. 20c ea., 5—80.
- 400-92 **SURFSIDE.** A very dependable and satisfactory white that needs no apology from anyone,
L. 3—25, 5—35; Med. 2—15, 5—25.
- 440-80 **SUSANNAH.** A heavily ruffled clear pink shading to white throat. Opens 5 - 6 florets. a picture of delicacy and refinement.
L. 2—25, 5—50; Med. 2—20, 5—40.
- 416-90 **SUSQUEHANNA.** Buffs are scarce. Here is a good one, a peachy buff with ivory throat and midribs. Opens 6 - 8, suede-textured, plain petaled florets. Has its faults.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 500-70 **TEXAS.** If you like immense spikes and florets, here is one for you — a creamy white, tall grower, opens 7 - 9.
L. 20c ea., 5—80; Med. 15c ea., 5—60.
- 590-90 **TONY.** Rich light chocolate, with orange blotch, slightly ruffled immense grower. Opens up to 7 attractive bloom. Quite unusual but worth growing.
L. 40c ea., 5—1.60.
- 422-87 **TROCADERO.** A brilliant orange that is yet soft and appealing. Some use the word 'carrot' to describe it. Very beautiful even tho unusual. Opens 5 - 6 with 5 more showing color.
L. 35c ea.
- 590-80 **TUNIA'S ELITE.** A bronzy orange edged with smoky orange and a fiery orange-red throat marking. Huge spike. Unusual and beautiful.
L. 20c ea., 5—80.
- 422-80 **TUT'S BOTH.** Deep orange with a small bluish throat blotch. An odd color, but attractive.
L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—25.

- 440-90 **TIVOLI.** Fischer rates this as one of the dozen best glads. As near perfect as they make them. Lustrous pink, some think it has rosy tinting. A marvelous variety.
L. 2—25, 5—50; Med. 2—20, 5—40.
- 312-75 **VANGOLD.** Deep yellow, without markings, medium size. Opens 5 - 6. Rich in color, fine spikes.
L. 2—20, 5—40; Med. 2—15, 5—30.
- 500-90 **VANWHITE.** A fine, large pure white, slightly ruffled, making a grand spike equal to the best of the whites.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 454-85 **VELVET MANTLE.** One of the top two or three black reds, grown by nearly every top grower. Some call it maroon. Opens 5 - 9 glistening, lustrous florets, on tall, willowy stem. Healthy and vigorous grower.
L. 25c ea., 5—1.00; Med. 2—20, 5—80.
- 486-80 **VOODOO.** Large, intensely ruffled, fluted or needlepoint, smoky with stipling of plum and bronze. Very popular and heavy seller.
L. 25c ea., 5—1.00; Med. 20c ea., 5—80; Sm. 15c ea., 5—60.
- 470-83 **VULCAN.** Magenta rosy purple, Sturdy, tall grower. Very rich color.
L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—25.
- 406-83 **WANDA.** A reliable standby, creamy sport of Picardy.
L. 3—25, 5—35; Med. 3—20, 5—25; Sm. 5—15.
- 366-80 **WEDGEWOOD.** Here is a masterpiece of grace, purity, refinement, grown by practically every grower, and praised without stint. A magnificent, tho medium sized, waxy, ruffled, lavender, with 5 - 6 florets open, as perfect as tho sculptured, and precisely arranged.
L. 15c ea., 5—60; Med. 2—25, 5—50; Sm. 5—35.
- 501-90 **WHITE CHALLENGE.** White with pink flush, and small light rose feather in throat. Opens 8 - 10, heavy texture florets.
L. 30c ea., 5—1.20.
- 500-85 **WHITE CHRISTMAS.** Ruffled, snowy white, heavy substance, opening 6 - 9 immense florets. Has been a sensation in the big shows for several years.
L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—25.
- 506-70 **WHITE GOLD.** A mammoth cream blending to gold in the throat. Strong grower, opening up to 6.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.
- 440-87 **YANKEE LASS.** A beautiful shade of light shell pink, without markings. Opens 8 - 10 on tall spike.
L. 35c ea., 5—1.40; Med. 25c ea., 5—1.00; Sm. 20c ea.
- 411-80 **YELLOW HERALD.** An early yellow, called the "model spike-maker", sturdy grower, and a grand commercial.
L. 2—20, 5—40; Med. 2—15, 5—30.

Choice Mixture

CHOICE MIXTURE. I am able to offer this most exceptional mixture at these low prices because it enables me to keep my stock in balance. I never put more than five bulbs of a variety in a hundred, and often as many as 50 varieties are put in. Most of these are taken from my catalogued varieties, while now and then I put in newer varieties which I do not catalogue. You are assured of a wide range of color in this offer. Here are the prices:

100 Large bulbs (1¼" up) postpaid	\$5.00
100 Medium bulbs (¾" to 1¼") postpaid	\$3.60
100 Small bulbs (¼" to ¾") postpaid	\$2.00
25 or more may be had at the hundred rate.	

Wholesale List

The following varieties are priced by the 100. 25 of a kind may be had at the 100 rate. These prices are F.O.B. and shipped by parcel post collect unless otherwise directed. If the purchaser desires to remit 25c for each hundred or portion thereof, I will prepay. For descriptions, see the Retail listings:

	Large	Medium	Small
ANNAMAE -----	\$ 4.50	\$ 3.00	\$ 2.00
AUTUMN GOLD -----	4.50	3.00	2.00
BAGDAD -----	4.00	3.00	2.00
BEAUTY'S BLUSH -----	5.00	3.50	2.25
BLACK OPAL -----	4.50	3.50	2.00
BUCKEYE BRONZE -----	4.50	3.50	2.00
BURMA -----	5.00	3.50	2.00
CRINKLE CREAM -----	5.00	4.00	2.00
ELIZABETH THE QUEEN -----	5.00	3.50	2.00
ETHEL CAVE COLE -----	5.00	3.50	2.00
FIREBRAND -----	5.00	4.00	3.00
FLORENCE NIGHTINGALE -----	8.00	6.00	4.00
GENGHIS KHAN -----	6.00	4.00	2.25
HAWKEYE RED -----	6.00	4.00	2.00
IRAK -----		3.00	2.00
KING WILLIAM -----	4.50	3.00	2.00
LAKE PLACID -----	6.00	4.00	2.00
LARIME -----	6.00	4.00	2.00
LEADING LADY -----	6.00	4.50	3.00
MISS WISCONSIN -----	6.00	4.00	2.00
MYRNA FAY -----	6.00	4.50	3.00
OCTOBER SUNSHINE -----	7.00	5.00	3.50
ORANGE GOLD -----	6.00	4.00	2.00
ORIENTAL PEARL -----	5.00	3.50	2.25
PACTOLUS -----	8.00	6.00	4.00
PANDORA -----	4.00	3.00	2.00
PHANTOM BEAUTY -----	6.00	4.00	2.00
PURPLE SUPREME -----	5.00	3.50	2.00
RAVEL -----	6.00	4.50	2.75
R. B. -----	4.00	3.50	2.00
RED CHARM -----	5.00	3.50	2.00
ROSA VAN LIMA -----	4.00	3.00	2.00
SALMAN'S GLORY -----	5.00	3.50	2.00
SILVER STAR -----	6.00	4.00	2.50
SILVER WINGS -----	5.00	3.50	2.00
SNOW PRINCESS -----	5.00	3.50	2.00
SPIC AND SPAN -----	6.00	4.00	2.50
SPOTLIGHT -----	5.00	3.50	2.00
WEDGEWOOD -----	7.00	5.00	3.00

Monticello, Iowa

Date _____

Mr.

Mrs. _____

Miss (Please Print)

Street or R. F. D. No. _____

Post Office _____ State _____

Express Office.....**Amt. Enclosed**.....

(If different from Post Office)

[illegible]

Total \$_____

A FEW SIMPLE SUGGESTIONS RELATIVE TO GLADIOLUS CULTURE

1. **SOIL.** The gladiolus is not choosy. Any good soil for vegetables is good for glads.

2. **LOCATION.** Keep away from buildings, fences, trees, hedges and shades of all kinds. Give the glad full sunshine, well drained soil, and reasonably loose ground.

3. **SOIL PREPARATION.** The same as for any garden stuff.

4. **PREPARATION OF BULBS AND BULBLETS.** It is not necessary to remove the husks before planting. Do not plant a diseased bulb, or one that is scrawny. Plant healthy, solid bulbs.

5. **PLANTING.** In light soil plant about six inches deep. Five inches is deep enough in heavy soil. Of course they will grow in shallow planting, but are more likely to blow over, and will not withstand a drought as well as in deep planting. Space large bulbs about two to the foot, and space rows to suit cultivation convenience. Plant bulblets in trenches two inches deep, sow thickly in the row, and cultivate often.

6. **FERTILIZING.** Do not over fertilize. That is easily done. Ordinary good vegetable soil is good enough for glads. If you want to grow show spikes consult a grower who shows. There is nothing better than well rotted barnyard manure. Glads need lots of humus in the soil.

7. **CULTIVATION.** No plant is more appreciative of good cultivation, or more responsive, than the glad. Keep the soil loose after every rain, and constantly loose during drought periods. Do not sprinkle — if you apply water at all, give the ground a deep soaking, then when dry enough cultivate. Do this about once a week or ten days in drought for best results.

8. **FIELD OBSERVATIONS.** Keep your eyes open for lost labels, diseased plants (those turning yellow and dying), and strays (pull them out).

9. **CUTTING AND CURING THE CUT FLOWERS.** Best to cut early in the morning and place them in a cool place deep in water for a few hours. They continue to open out better if the spikes are occasionally cut back an inch or so on the slant, and given fresh water. The tip of the spikes may be cut short and put in shallow bowls and thus make a beautiful center piece for the table.

10. **DIGGING.** It is better to dig while the foliage is green, as one can then determine the diseased plants and throw them out. The bulbs also lift out of the ground better than when the tops have died. Cut the tops off immediately when dug as close to the bulb as is possible. Let the bulbs dry in shallow boxes, not over three inches deep, in an airy, cool place, then remove the old bulbs, roots and bulblets. This we call "cleaning."

11. **STORAGE CARE.** Storage care is about the most important part of producing healthy, disease-free glads. The bulbs should be thoroughly dried as rapidly as possible after digging. Within four to six weeks they should be cleaned. By that we mean, the old bulbs are removed, the dirt sifted out, and the bulblets taken care of. When cleaned they are then ready for the winter storage. The storage should have ventilation to prevent mildewing and the development of diseases. There are several serious diseases which develop largely in storage conditions if they are not right. Air circulation has much to do with the suppression of disease. The temperature should be as nearly 35 to 40 degrees as is possible. Altho they will keep nicely in much higher temperatures. They must be protected against the temperature dropping below 32 degrees, as freezing destroys the eyes and causes the bulbs to soften and rot. Too high temperatures are not good as they hasten sprouting, and often dries the bulbs until they are as hard as tho petrified. If the temperatures are likely to be above the 50's they should be dusted with DDT of 5% strength. Dust the boxes or trays thoroughly, and leave it on all season until planting time. This is for the control and suppression of thrips, which become active and multiply in temperatures above high fifties. Some advocate the use of Napthalene flakes, as we all did once upon a time. However DDT is fully as effective, if not more so, than the flakes, minus the dangers which attend the use of Napthalene.

12. **FURTHER CHEMICAL ATTENTION.** (1) At Planting Time. Every bulb and bulblet planted should be treated at the time of planting. Such treatment should be designed to resist or defeat the development of disease and thrips. There are many recommended treatments, and there are numerous scientists experimenting widely in an effort to know more about gladiolus pests, and their control. The simplest treatment, most available and usable by the amateur and back-door gardner is Lysol. Mix it at the rate of 1½ tablespoonsful to the gallon of water, and leave the bulbs in it from three to six hours.

(2) In The Field. The only way to be sure that thrips will not damage your flowers is to dust or spray the growing plant with 5% DDT or some other efficient insecticide. Begin application when the plants are about six inches tall, and repeat every ten days or two weeks, and oftener if rain comes sooner and wash the application off, or thrips damage becomes evident. With these treatments there is little likelihood of other insect damage.